

## ABSTRACT OF THE DISCLOSURE

Two public keys including a random number term therein  
are prepared in a database for each divided plaintext in  
5 advance, a plaintext is divided into a plurality of 1-bit  
divided plaintexts, one public key is selected for each  
divided plaintext from the database according to the bit  
data of each divided plaintext, and the selected public keys  
are added to generate a ciphertext. This invention bases  
10 its security on free selection of a desired combination of  
public keys.

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